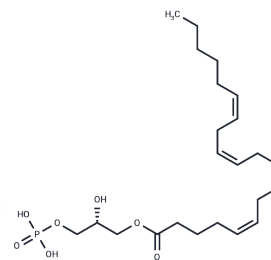


1-Arachidonoyl-2-hydroxy-sn-glycero-3-PA

Chemical Properties

CAS No. :	65446-08-4
Formula:	C23H39O7P
Molecular Weight:	458.53
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	1-Arachidonoyl-2-hydroxy-sn-glycero-3-PA is a phospholipid that contains arachidonic acid at the sn-1 position, serving as a precursor to 1-Monoarachidin. It binds with the LPA2/EDG4 receptor and can inhibit the secretion of TNF- α and IL-6 induced by LPS in wild-type dendritic cells but does not affect Lpa2-/- dendritic cells. Additionally, it reduces the differentiation of HT-29 human colon cancer cells into goblet cells in the presence of sodium butyrate.
Targets(IC50)	LPL Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1809 mL	10.9044 mL	21.8088 mL
5 mM	0.4362 mL	2.1809 mL	4.3618 mL
10 mM	0.2181 mL	1.0904 mL	2.1809 mL
50 mM	0.0436 mL	0.2181 mL	0.4362 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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